- 19. An improved cathode material comprising EMD, said EMD having an initial open circuit voltage of about 1.639 volts or higher.
- 20. An improved cathode material comprising EMD, said EMD having a compressed density of about 3.162 grams, per cubic centimeter or higher.
- 21. An improved cathode material comprising EMD, said EMD having a % MnO<sub>2</sub> of about 91.9 or higher.
- 22. An improved cathode material comprising EMD, said EMD having a % Mn of about 60.1 or lower.
- 23. An improved cathode material comprising EMD, said EMD having a % structural H<sub>2</sub>O of about 3.28 or lower.
- 24. An improved cathode material comprising EMD, said EMD having a BET surface area of about 23.5 sq. meters per gram or lower.
- 25. An improved cathode material comprising EMD, said EMD having a total pore volume of 27 cubic centimeters per kilogram or lower.